

# Special Issue

## Information-Centric Networking (ICN)

### Message from the Guest Editor

As the Internet evolves, new problems and concerns arise. The volume of content exchanged increases rapidly, users are using more and more mobile devices, data centers are becoming bigger and bigger, users are even more concerned about their security and privacy, the Internet consumes significant amounts of energy, and new paradigms, such as the Internet of Things, emerge. These observations raise the question: what is the role of ICN in this emerging environment? At the same time, new tools create opportunities for ICN to emerge. Software-defined networking, network function virtualization, blockchain-based technologies, edge computing, general purpose operating systems for constrained devices, programmable network and endpoint devices, planet-wide testbeds. All these tools create hopes that ICN can leave research laboratories and meet the real world. This Special Issue aims to present advances of the research on ICN. We seek submissions that demonstrate how ICN can solve current Internet problems and how ICN can become a reality.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 September 2019)



## Future Internet

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## About the Journal

### Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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### Editor-in-Chief

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